

SRNT

Schreiber, David

Seq 140155
� 140156

From: Steadman, David (AU1652)
Sent: Thursday, December 02, 2004 9:35 AM
To: Schreiber, David
Subject: 10/627,829 sequence search request

NAME: David Steadman

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Date: 12/02/04

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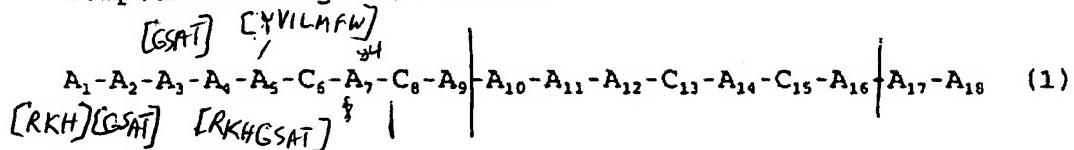
Please search the following sequence(s) in commercial and interference databases:

- 1) Standard search of SEQ ID NO:16 against amino acid databases. Please size limit hits to 20 amino acids.
- 2) Standard search of SEQ ID NO:16 against nucleic acid databases.

If possible, please search the following in STN:

- 3)

1. A purified and isolated or recombinantly produced compound having the formula:



or a pharmaceutically acceptable salt or an N-terminal acylated or C-terminal amidated or esterified form thereof, which is either in a linear form or in a cystine-bridged form, wherein:

each of A_1 and A_2 is independently a basic amino acid;
each of A_3 and A_4 is independently a small amino acid;
each of A_5 , A_7 , A_{12} , A_{14} and A_{16} is independently a hydrophobic amino acid;

A_6 is a basic or a small amino acid; [RKHGSAT]

A_{10} is a basic or a small amino acid or is proline; [RKHGSATP]

A_{11} is a basic or a hydrophobic amino acid; [RKH YVILMFW]

A_{13} is not present or, if present, is a small amino acid;

A_{18} is not present or, if present, is a basic amino acid;

and

each of C_6 , C_8 , C_{13} and C_{15} is independently selected from the group consisting of cysteine, a hydrophobic amino acid, a large polar amino acid and a small amino acid.

[CYVILMFWNCQGSAT]
or ~~not~~ NOT [PDEKRH]

Acidic: Aspartic acid and Glutamic acid; [OEH]

Basic: Noncyclic: Arginine, Lysine; [RKH]
Cyclic: Histidine;

Small: Glycine, Serine, Alanine, Threonine; [GSAT]

Polar/large: Asparagine, Glutamine; [NQ]

Hydrophobic: Tyrosine, Valine, Isoleucine,
Leucine, Methionine, Phenylalanine,
Tryptophan. [YVILMFW]

Please save results to diskette. B1

method of treating
microbial

Thank you very much.

David J. Steadman, Ph.D.
Patent Examiner

Infection

claim 12-21

1995